

REPLACEMENT SHEET

hTIR1	1	-MLICTARVIGIOLILISQAFACHSTES	-SPEHTIPGDIHAGHPTI	-HSCLOVRIR	-HEVTIQRSCSNEIGHH	-HOMRLQVEEHNNSTALEPNTTIGYQ	-DVCS	-SANYIATIRV	119
rTIR1	1	MLFWAHILLSIQ	-VVOAFSCORTES	-HGCLOVRIR	-HIVTSDDPDSNGH	-HIVTSDDPDSNGH	-HIVTSDDPDSNGH	-SANYIATIRV	118
hTIR2	1	-MCPRAKTICSUP	-ELMVLAEH	-AE	-NSDYIPGDIHAGHPTI	-HANKGIVHNFQVEMCK	-EYEVKVG	-SANYIATIRV	115
rTIR2	1	-MCPRAKTICSUP	-ELMVLAEH	-AE	-NSDYIPGDIHAGHPTI	-HANKGIVHNFQVEMCK	-EYEVKVG	-SANYIATIRV	118
hTIR3	1	-MCPRAKTICSUP	-ELMVLAEH	-AE	-NSDYIPGDIHAGHPTI	-HANKGIVHNFQVEMCK	-EYEVKVG	-SANYIATIRV	117
rTIR3	1	-MCPRAKTICSUP	-ELMVLAEH	-AE	-NSDYIPGDIHAGHPTI	-HANKGIVHNFQVEMCK	-EYEVKVG	-SANYIATIRV	117
mGluR1	1	MVRLLLIFFPMIHEMS	PRMPDKVILAGASSQ	HSVARMDQVI	IGAFESVH	QPFKEKPE	-----	RKGG	123
hTIR1	120	SLPG	-----	OHETIQOULLHYS	-----	VIAVIGPDSINRAATTAALISPEFIMVSVASSETES	PROQPSERTIPNDKQVE	TMVLIQVFGNINISLVSSSDYGOIG	123
rTIR1	119	ALQG	-----	PRHETQKDLRNHSS	-----	KVVAETGPDNDHATVITTAALIGEFIMPLVSSESV	SAKHPSPERTVPSDRQVHVVYOLIQSEGNW	WELISGYCDYGOIG	123
hTIR2	116	AHE	-----	DMILPQEDYSNYS	-----	RIVAVIGPDSINRAATTAALISPEFIMVSVASSETES	PROQPSERTIPNDKQVE	TMVLIQVFGNINISLVSSSDYGOIG	123
rTIR2	119	HOD	-----	DULHJLQDSOMP	-----	HVAVIGPDSINRAATTAALISPEFIMVSVASSETES	PROQPSERTIPNDKQVE	TMVLIQVFGNINISLVSSSDYGOIG	123
hTIR3	118	AKAG	-----	SRDIAAYCNVQVQV	-----	RIVAVIGPDSINRAATTAALISPEFIMVSVASSETES	PROQPSERTIPNDKQVE	TMVLIQVFGNINISLVSSSDYGOIG	123
rTIR3	118	AKAG	-----	SOSIAAYCNVQVQV	-----	RIVAVIGPDSINRAATTAALISPEFIMVSVASSETES	PROQPSERTIPNDKQVE	TMVLIQVFGNINISLVSSSDYGOIG	123
mGluR1	124	RDSIISIREXQ	QINRCIPDQGLH	EGRTKPKIAG	VIGPSSVAIQVON	LEQIEDIPQAFASATSIDESD	TYLKYERIVPSDTI	QARALDIVKRYN	125
hTIR1	237	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
rTIR1	236	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
hTIR2	232	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
rTIR2	236	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
hTIR3	235	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
rTIR3	235	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
mGluR1	253	ICIAHQTIMFSSQV	-----	DEF	-----	ACATVAVVPSRQIARVIFES	MTCTCNVVA	SEAWALSRHITG	135
hTIR1	355	G	-----	SWSSQIQFQQA	MAHTMPKAFS	-----	MSAANA	RAVAVAHGHQJLIGCA	146
rTIR1	354	G	-----	SWSSQIQFQQA	MAHTMPKAFS	-----	MSAANA	RAVAVAHGHQJLIGCA	146
hTIR2	356	S	-----	YTC	-----	QEDQVQNAISFNT	ITJSG	-----	146
rTIR2	360	R	-----	TTG	-----	QEDQVQNAISFNT	ITJSG	-----	146
hTIR3	356	EREQLEDV	QVQPODC	ITJQVVSAGLN	-----	HQTHSVAAVMSVQALHNTJQCN	-----	ASGPAQD	147
rTIR3	355	-AEDLERVM	GPQSQDYIMQNL	SSGLMQLSAGOLH	QFAT	MAVSVQALHNTJQCN	-----	VSHQTS	148
mGluR1	374	HR	-----	FQRLPCHLLEN	NEKKVCTGNE	SEENYVQ	-----	DSNGE	149

TO FIG. 1B
FIG. 1A

REPLACEMENT SHEET

FROM FIG. 1A

ht1R1	467	GSSTWSPVQININETKOWHKKUNOVHKSVCSSTCHCHOR	WVUGEHHCCEFCVPCDAGHFIN	KSQILVRCOPCKEWAPEQSCTCPPTV	ETALAEHHSVHFAANTHHEHILGTAGHFAHFDI	594
rT1R1	466	GSASLSPVHININKTKOWHKKNOIPVSVQTTDCHCHIR	VWVGSHHCCFCEVCECHAGFIN	MSELHICOPCKTEENAEKESCTCPPTV	ETALAEHHSVHFAANTHHEHILGTAGHFAHFDI	593
ht1R2	466	ASTYPLOQIKN-IQISWHVWNTJPMSPKSCKSCGGOK	KPVGLHVCCFFQDOLPGHFTNHTEDVECCQAPNNWSYQSL	ISCPKPOLFELEWHAPTTAVAHAACTGUSTIA	IIIVFMRHPOI	593
rT1R2	470	ASYSPTSKRIJY-INNVSWYHPNNVPSVNCSSKSCFGOK	KSVGLHCCFCEQDDOMEGEYINPSADEINLSPCGSMASYKNDIT	TCORRPTLELEWHVEIVVAIAALCFESTAIIEFMRHPOI		597
ht1R3	472	GRFN-GSLRTER--IKIPWHISINDKPVSGRCQCEGGVR	FVAGEHSCQYTCVDDCHAGSRO-NHDDIACCTCGGQTESPERS	IRCHERRSRFLAWDEPAVULHLLSLTAIGCIVAIGLEVHERIS		596
rT1R3	479	GTFN-GTIOIOH--SMMWEG--NOVPVSCSRQCKDGGVR	RVAGEHSCQYTCVDDKAGSYRK-HHDDITCTCGKCKQNSPESKT	CTPPRPFLANQEPANISILILICMIGICTIAGLGHFAHFDI		601
mGluR1	498	GTWH--EGVINDDYKALOMNK--SGMVRSGCSEPEGLNG	LVIRKGENSCWGLCTACKENHFOV--DEHICRAQDGLGWPNAEL	ICGCHETRVLEWSDIESIAAFESQIGIIVHFEVTLAEVILVQDI		620
ht1R1	595	PVVRSAGRICFIMIGSIAGSGLVGHFQEPTRPACHROAHFALGFT	HELSCTVRSFOLLITTEKESKMPVTHAVONHQAQGLEW-	ISSAAGHITQITWVAVATHIRA-REYORFPHUVMFQTE		722
rT1R1	594	PVVRSAGRICFIMIGSIAGSGLVGHFQEPTRPACHROAHFALGFT	HELSCTVRSFOLLITTEKESKMPVTHAVONHQAQGLEW-	ISSAAGHITQITWVAVATHIRA-REYORFPHUVMFQTE		721
ht1R2	594	FTVRSAGCHNCLMTHLVAVMMPVYVGEHEHVSICIGRAHFLDET	ICISQIAVRSQIVCHAMASRHRVSVWVRYQCPVSA-FITV	LKWNAVIGMATAGLSHTTITDDEKTIIVSONP		722
rT1R2	598	PVVRSAGRICFIMVHUIAFGMVPVYVGEHPTVHSQFCRAHFTV	CHSCLISQITVRSQIVCHAMARRIJSAYSHAMRHPVAVFA-FIT	AIKVALWAGNMATINIGCTTDDIPNINISQHP		726
ht1R3	597	HLVQSGGHACFENVCHVCIISVLIHQSPACHAOPISHTPLTGL	STIFLOAAHIFVESELPSWADRLSCGURGPANIVWL-LAMIV	EVALQTVLEVAPHEVW-TDWMHIFTEALVHORT		724
rT1R3	602	HLVQSGGSLTECFGLTQIGFCISVLIHQSPACHAOPMAHPLTGL	STIFLOAAHIFVESELPSWANWLCSTVIRGPANIVWL-LAT	IVEALCANVIMZAPHEVW-TDMQVIFTEVLEHARM		729
mGluR1	621	PVVRSSRRELQIIHACIFHGVCPFTILJAFETTSQYTGRIIVG	IVGSSANGISAVTKTNRAHETIAGSKKICITRKPRFMSA	QVACNLIASILISVQITWVLIIMEPMPHILSSESIK-EV		748
ht1R1	723	INSIGHIAFLVNGHUSISAFACSYIGKDDHENVNEAKQVTE	SIDENHVSIAHHTITAGVLDGAVIPANWMAQISSSGFGGV	HEIPKGVHICRPHJNSTEHFOASTODVIFRCGST-		841
rT1R1	722	INSIGHIAFLVNGHUSISAFACSYIGKDDHENVNEAKQVTE	SIDENHVSIAHHTITAGVLDGAVIPANWMAQISSSGFGGV	HEIPKGVHICRPHJNSTEHFOASTODVIFRCGST-		840
ht1R2	723	NVRNSULTSDILLVSGFSAHNGKELHTNVEAKELTISMT	EFHSSVSLQIEMSAISGVIVTINDIIVTVINIIJASIGV	FGPKCMELFYPERVTPAVNSMFCGYMFRD-		839
rT1R2	727	NVRNGHIFNTSMDILLVSGFSAHNGKELHTNVEAKELTIS	MTSHTSSISQIFMSHIGHIVTINDIIVTVINIIJATIGV	FGPKCMELFYPERVTPAVNSMFCGYMFRD-		843
ht1R3	725	RSWISGIGHAINATIAHLCIGTEIVRSQGRYNRRCITFAM	AVFTWVSFVELLANVQVLRPAVQCAILICVLGIIAAPH	HEGILLMRQFQINVFEEHLCGGGECDAQOGNDGN-TGNQ		852
rT1R3	730	RSWISGIGHAINATIAHLCIGTEIVRSQGRYNRRCITFAM	AVFTWVSFVELLANVQVLRPAVQCAILICVLGIIAAPH	HEGILLMRQFQINVFEEHLCGGGECDAQOGNDGN-TGNQ		858
mGluR1	749	SI-IQVAVAPGVNGHINISQYVIAKTRNVHANVNEAK	ELTAEITVTTQILWIAEVEHIVFGSN--IKITTC	HAISVSIVVAIGCVHPTPMVITJIAKPERI		845

FIG. 1B

REPLACEMENT SHEET

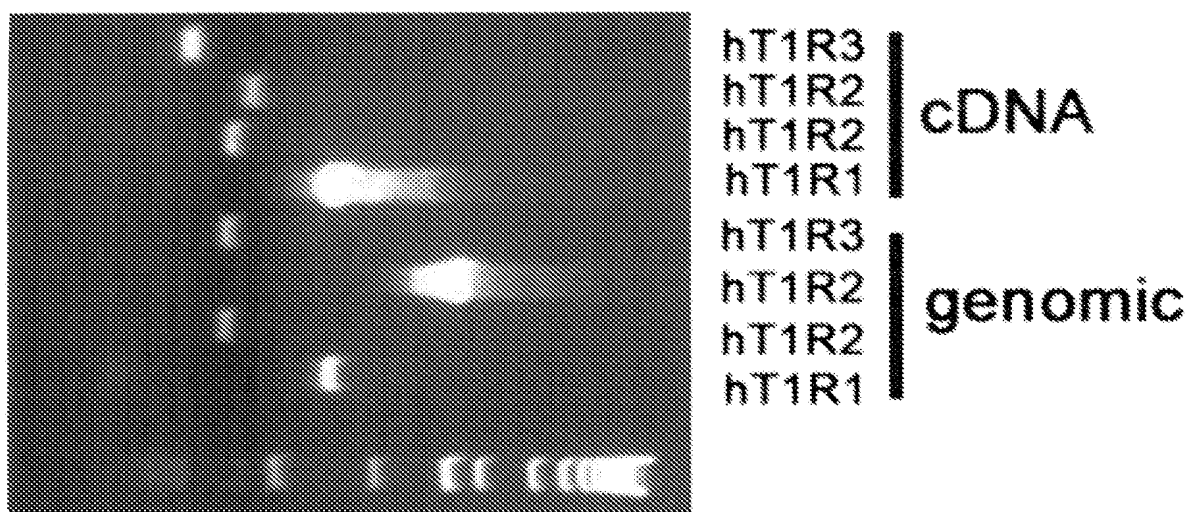


FIG. 2

REPLACEMENT SHEET

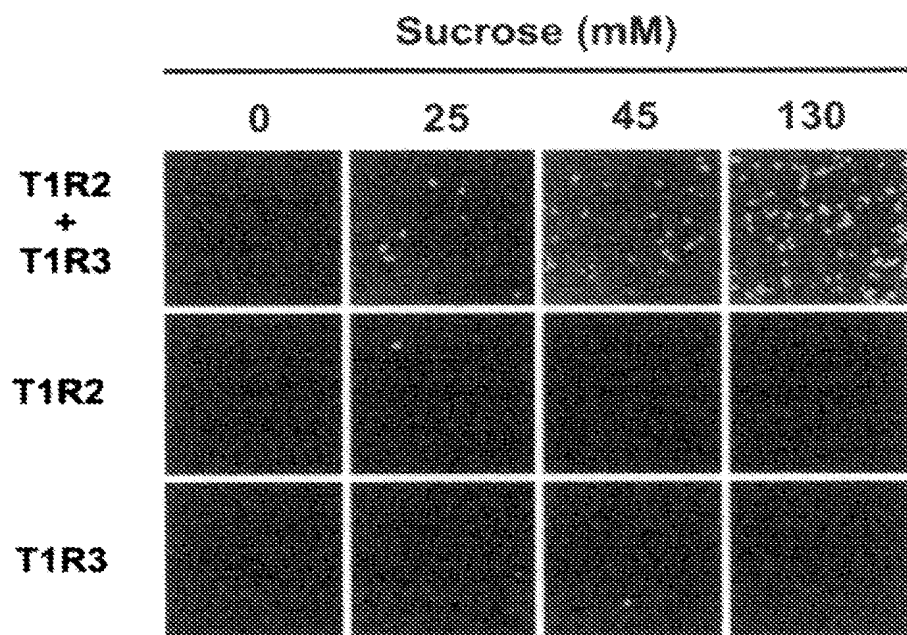


FIG. 3A

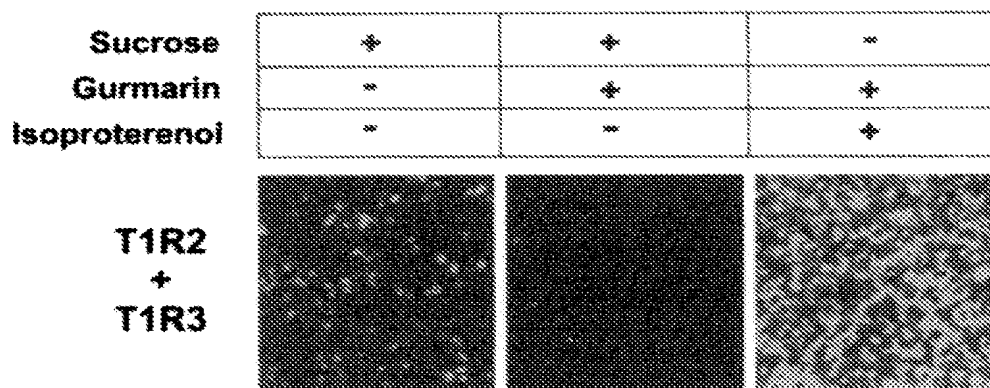


FIG. 3B

REPLACEMENT SHEET

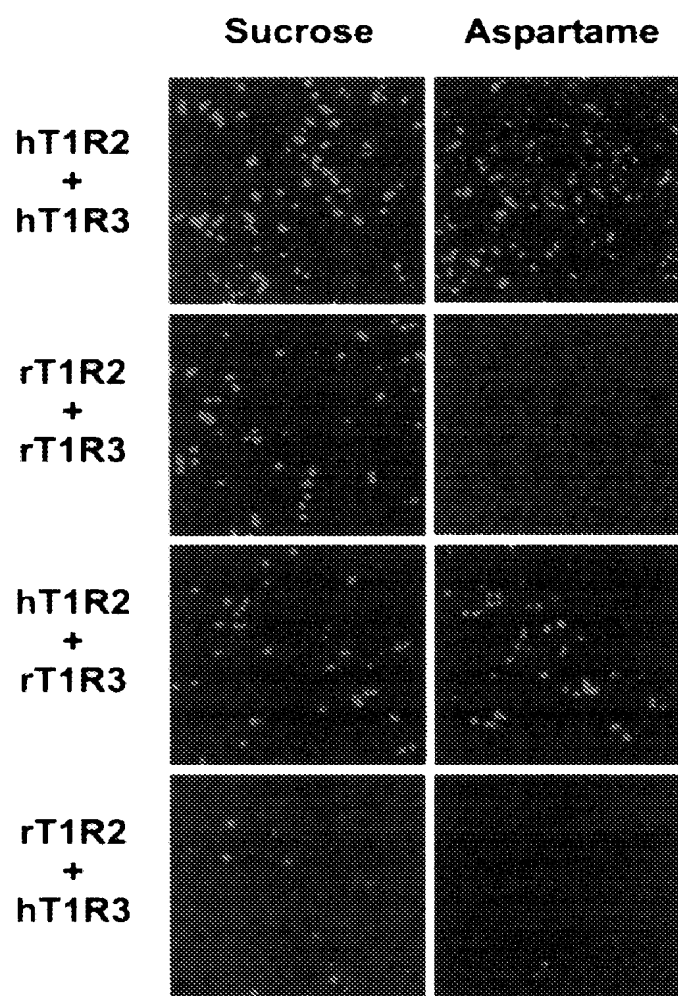


FIG. 4

REPLACEMENT SHEET

NORMALIZED DOSE-RESPONSE CURVE

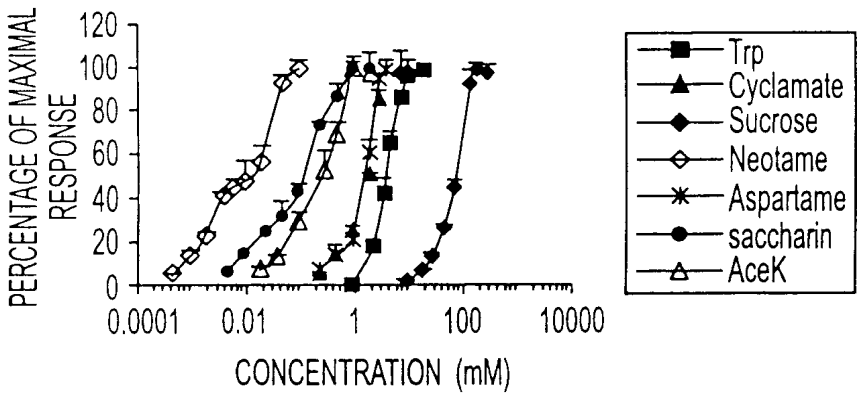


FIG. 6

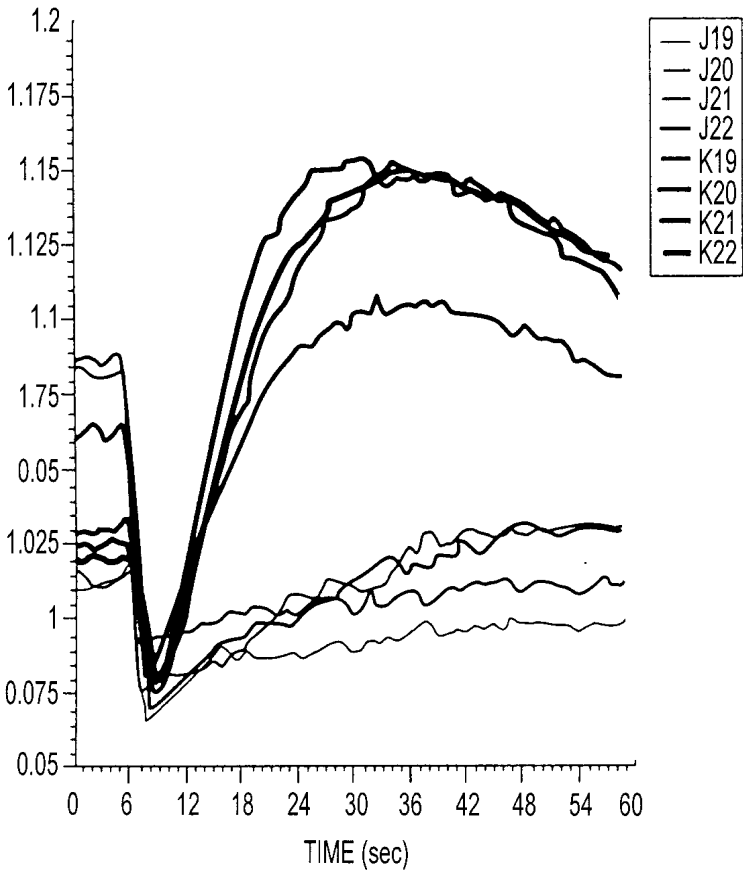


FIG. 5

REPLACEMENT SHEET

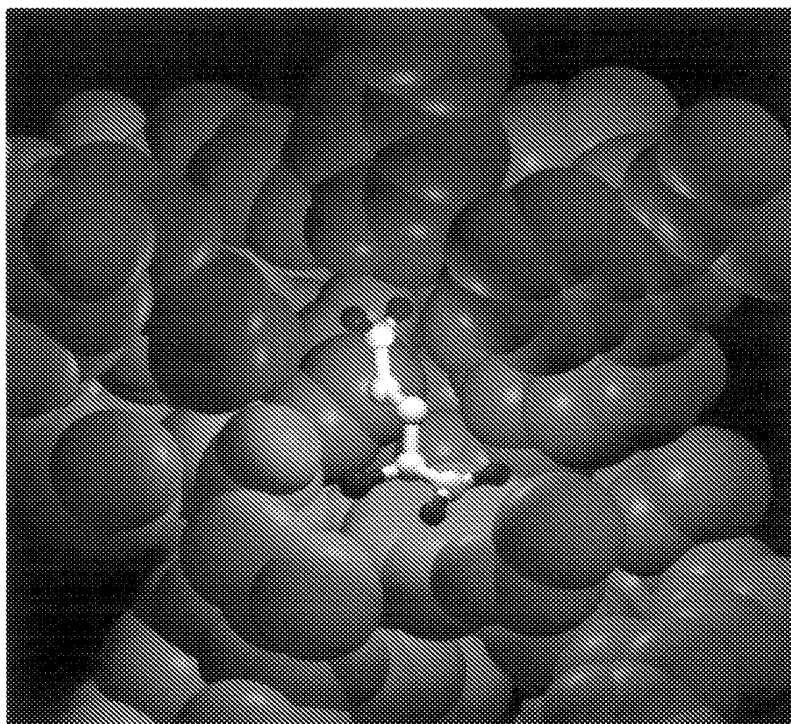


FIG. 7

FIG. 8A

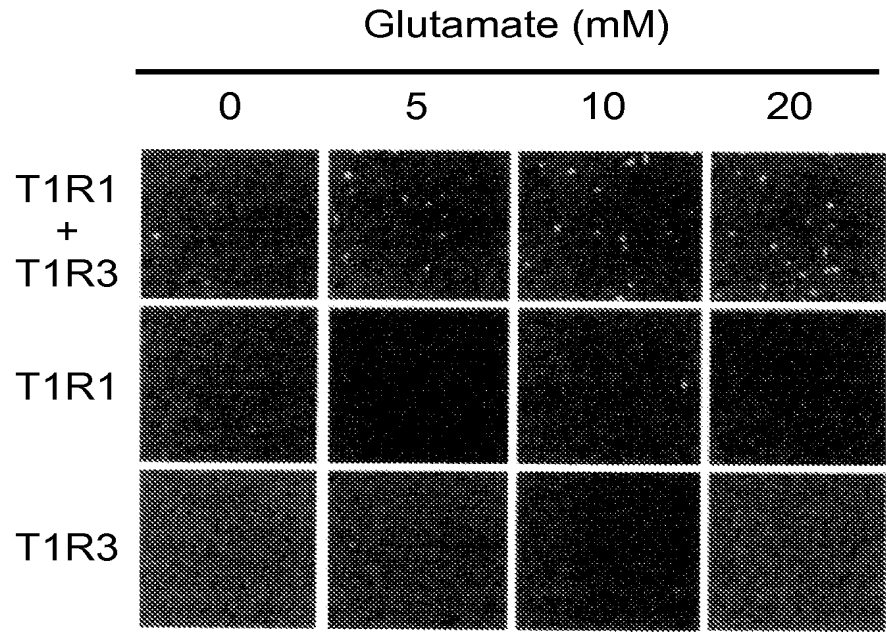
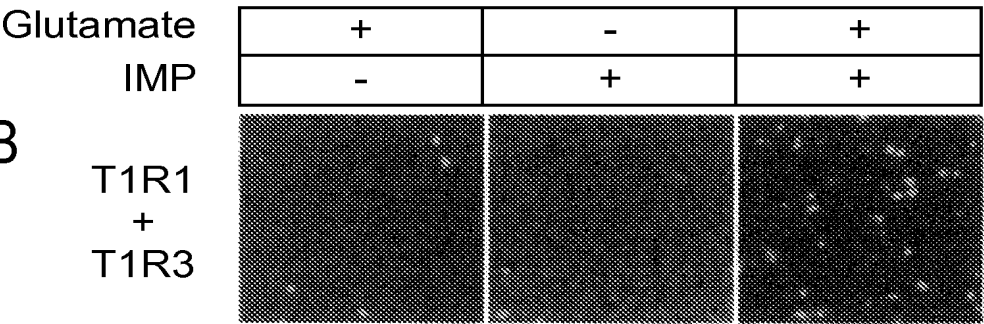


FIG. 8B



REPLACEMENT SHEET

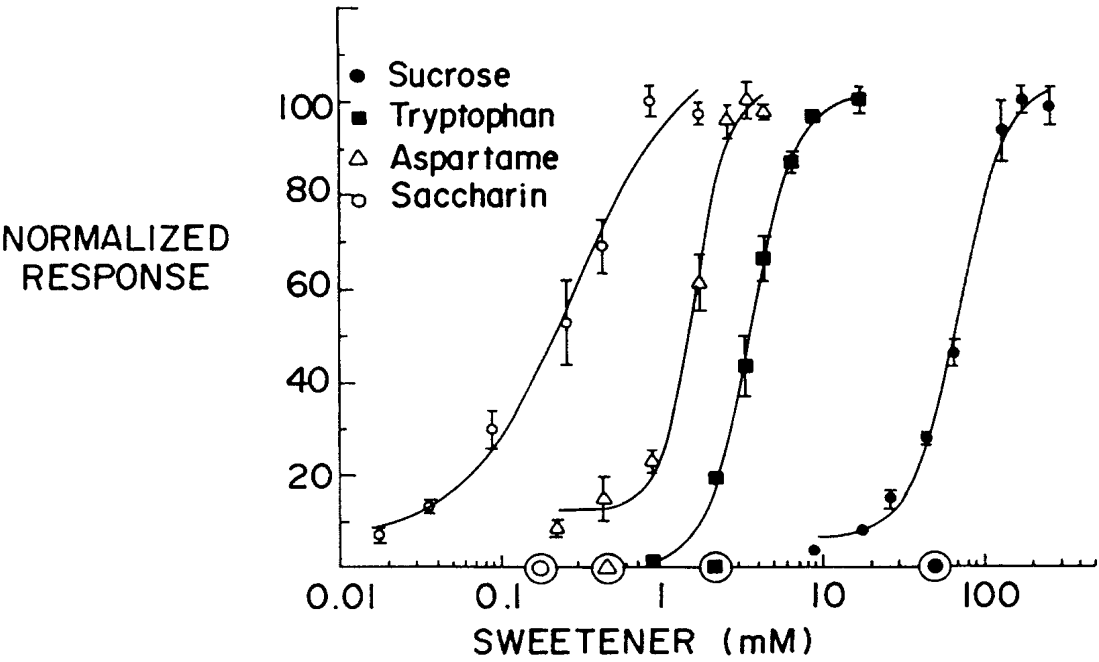


FIG. 3C

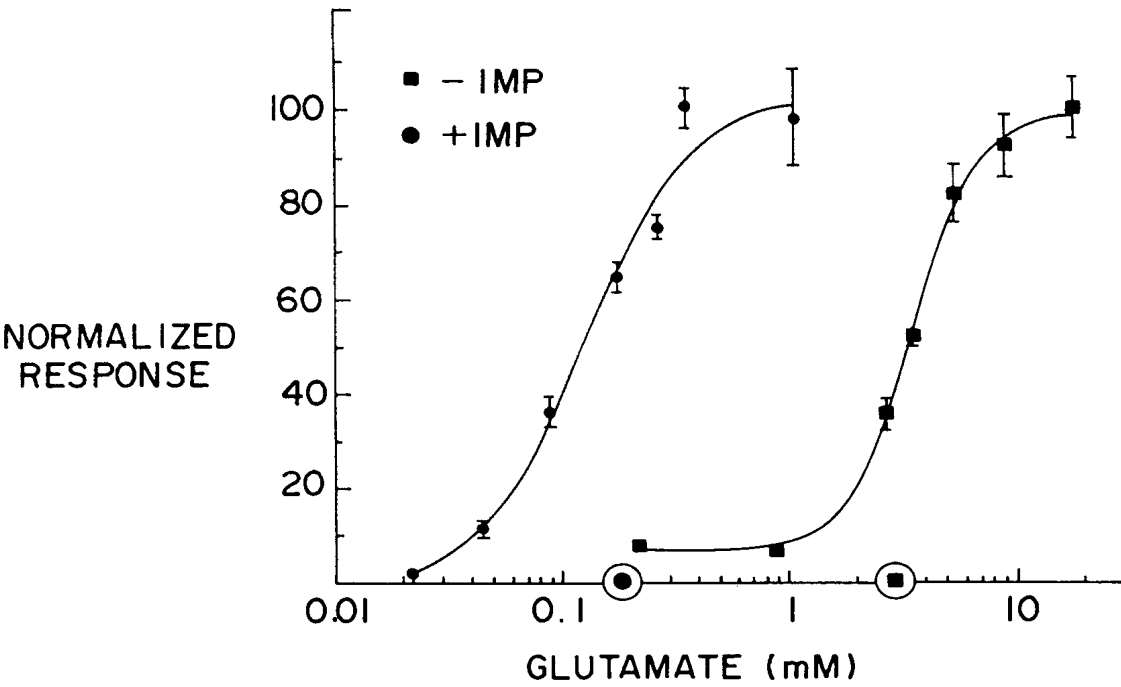
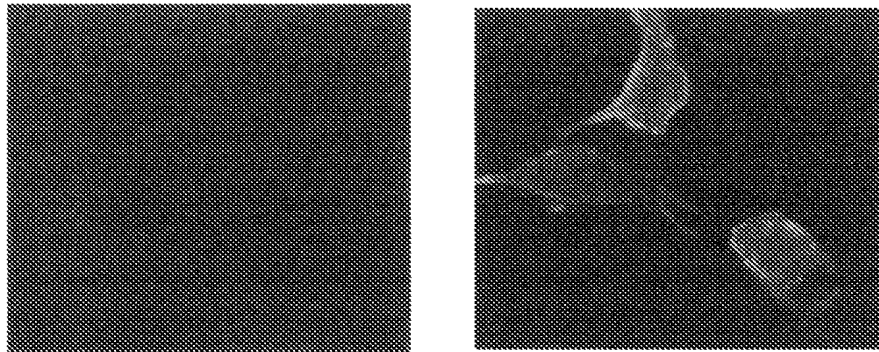


FIG. 8C

REPLACEMENT SHEET



H2-IT-Myc

H2-PDZIP-IT-Myc

FIG. 9A

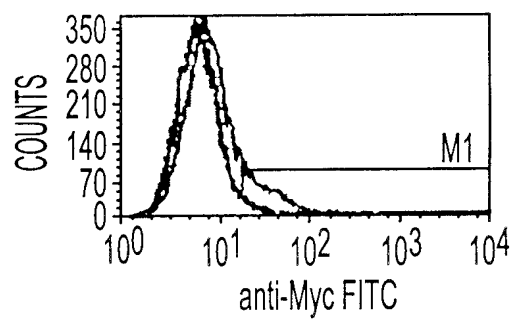


FIG. 9B

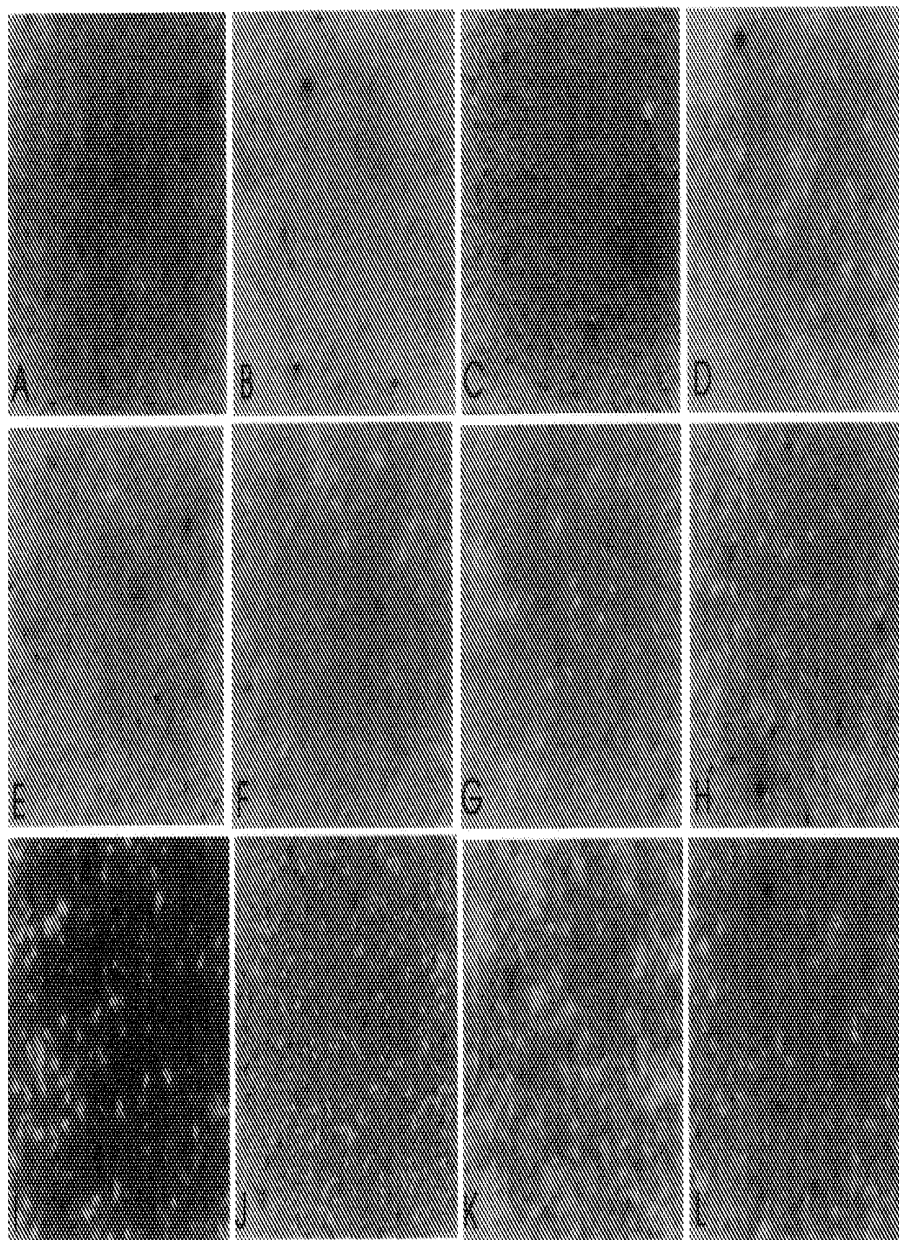


FIG. 10

REPLACEMENT SHEET

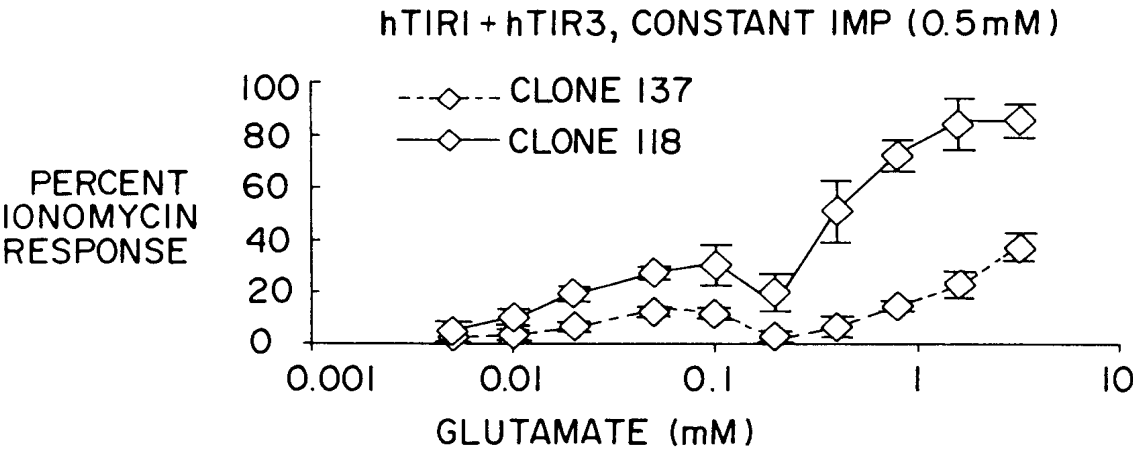


FIG. 11

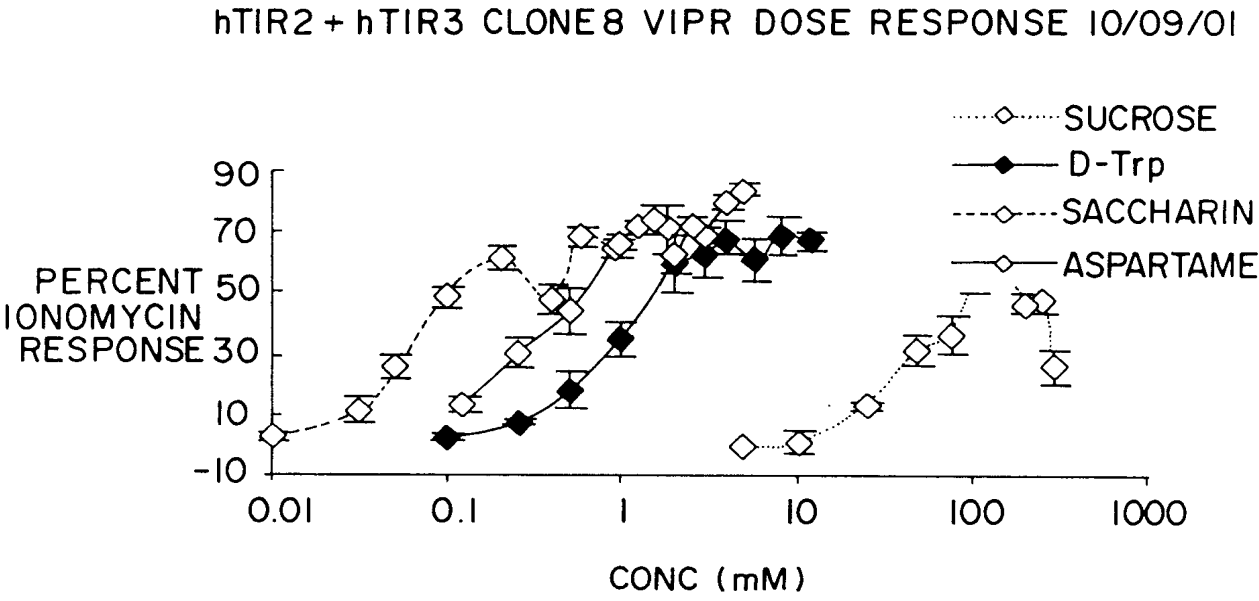


FIG. 12

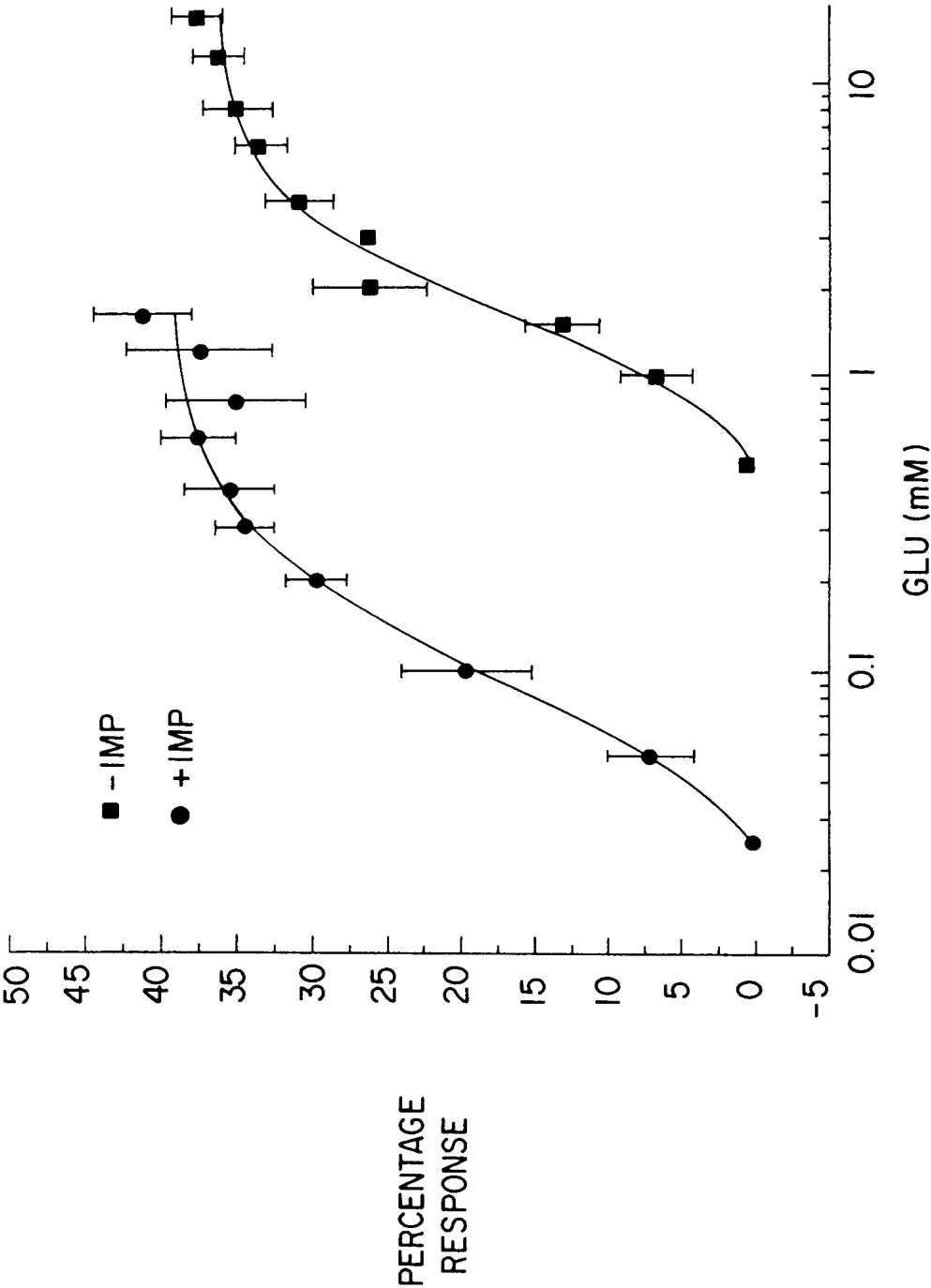


FIG. 13

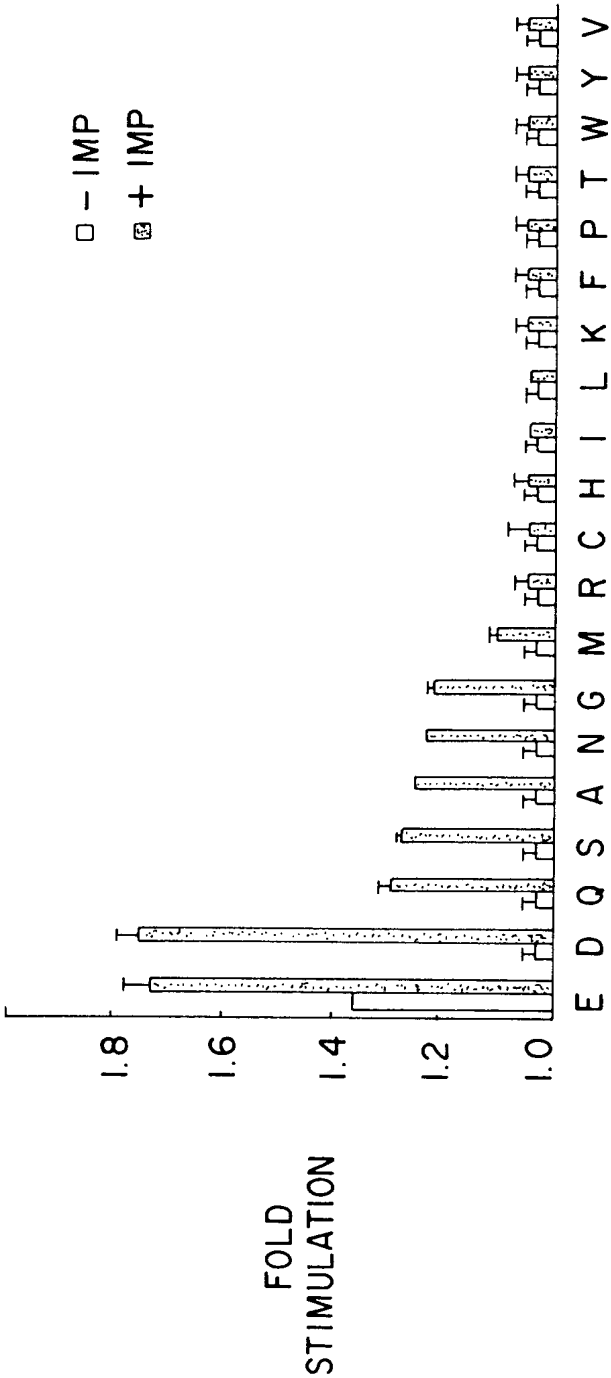


FIG. 14

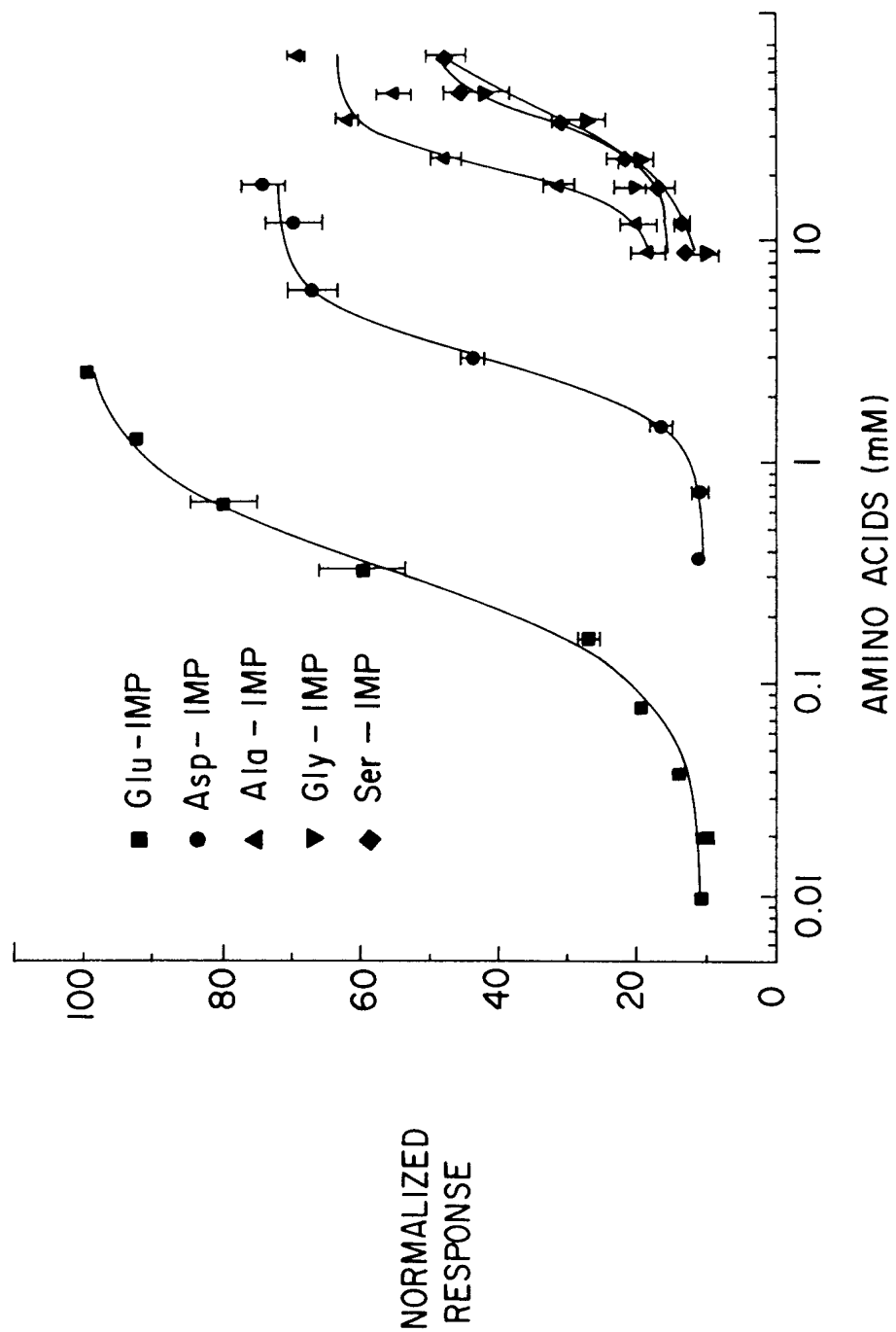


FIG. 15

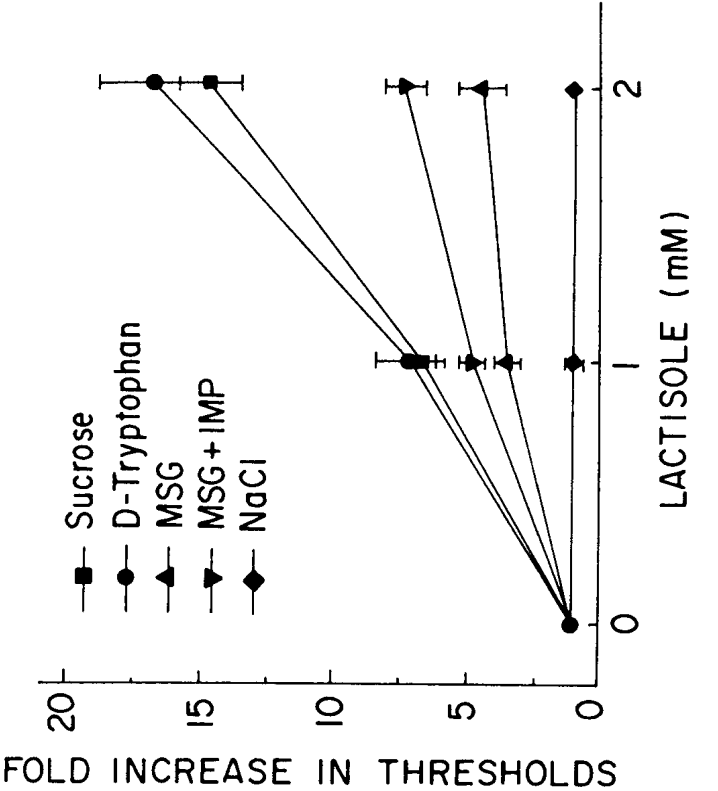


FIG. 16B

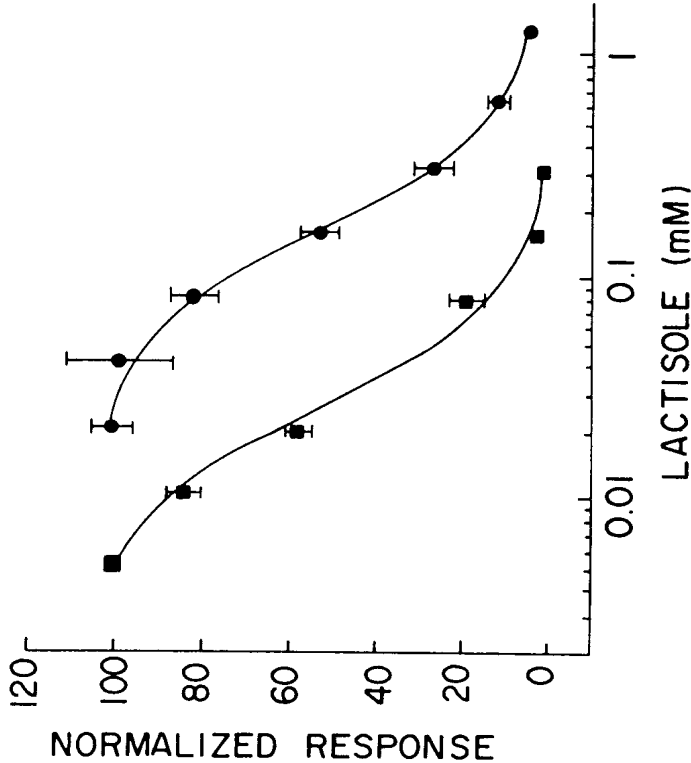


FIG. 16A